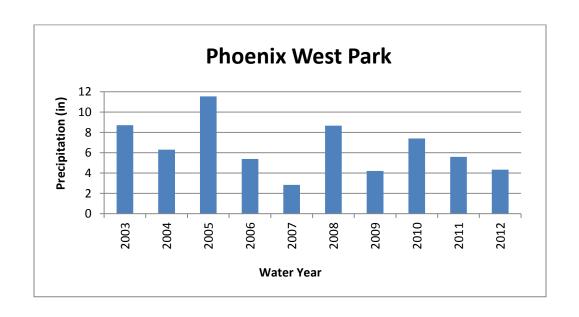


Station Name: Phoenix West Park

Station ID Number History:	4855 since 11/29/2001
Data Begins:	11/29/01
Years of Record:	10.84 (as of 10/01/12)
Data Repeater:	Direct
TRS:	T3N-R3E-Section 29
Latitude:	33° 35' 02.2" (33.5839)
Longitude:	112° 04' 55.1" (112.0820)
Elevation:	1,315 ft. msl
Location:	Peoria Ave. at 7 th Ave.
Data Record:	
Partial Months (>10 days missing):	None
Missing Months:	None
Remarks:	Records Good



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	12	
Number of storms greater than 2 inches in 24 hours:	1	
Number of storms greater than 3 inches in 24 hours:	0	
		Approx. T _r
Greatest 15 minute total:	0.91" on 07/14/02	17 years
Greatest 1 hour total:	1.34" on 07/14/02	10 years
Greatest 3 hour total:	1.46" on 07/10/08	8 years
Greatest 6 hour total:	1.54" on 07/10/08	6 years
Greatest 24 hour total:	2.68" on 02/13/03	21 years
Greatest 72 hour total:	2.84" on 02/13/03	13 years

Water Year Totals: (Mean of Complete Water Years [10] = 6.50 inches)

Water Year	Total	Water Year	Total
2020		2010	7.40
2019		2009	4.21
2018		2008	8.66
2017		2007	2.83
2016		2006	5.39
2015		2005	11.54
2014		2004	6.30
2013		2003	8.70
2012	4.33	2002	М
2011	5.59	2001	

M: One or more months contain partial or missing data

Design Rainfall for this Geographic Location:

Click this <u>link</u> for Point Precipitation Frequency Estimates (Annual Maximum Series) in Tabular and Graphical Formats from NOAA Atlas 14, Volume I, Version 5

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Phoenix West Park Dam (gage # 4855) for Water Year 2012

DAY	0ct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1 2 3 4 5	.16	. 28 . 28	. 04							. 08		
6 7		.16										. 35
8 9		.10						. 04				
10								.04				. 12
11 12 13 14 15 16		. 20	. 20 . 28 . 04							. 08		. 08
17 18			. 04			. 43						
19 20			.04									
21 22										. 16	. 55 . 08	
23 24											.35	
25 26	.16						. 08					
27 28										. 04		
29 30										.04		
31												
SUM	0.31	0.91	0.63	0.00	0.00	0.43	0.08	0.04	0.00	0.39	0.98	0.55
ACC	0.31	1.22	1.85	1.85	1.85	2.28	2.36	2.40	2.40	2.80	3.78	4.33
MAX	0.16	0.28	0.28	0.00	0.00	0.43	0.08	0.04	0.00	0.16	0.55	0.35
NO.	2	4	6	0	0	1	1	1	0	5	3	3
							Maxi	mum Da	ily Ra	infall		0.55
							Maxi	mum Mo	nthly	Rainfa	11	0.98
							Tota	l Annu	al Rai	nfall		4.33
							Numb	er of	Days w	ith Ra	in	26

Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2011

DAY	0ct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1 2 3 4 5 6 7 8	.12 1.14											
9 10 11							. 20			. 04		
12 13 14												
15 16 17			. 20									
18 19 20	. 28				. 39							
21 22	.16	. 08	.31		. 24	. 12						
23 24 25			. 08							. 04 . 04		
26 27 28					. 12							
29 30 31			.59 .31							. 79		
SUM	1.69	0.08	1.50	0.00	1.10	0.12	0.20	0.00	0.00	0.91	0.00	0.00
ACC	1.69	1.77	3.27	3.27	4.37	4.49	4.69	4.69	4.69	5.59	5.59	5.59
MAX	1.14	0.08	0.59	0.00	0.39	0.12	0.20	0.00	0.00	0.79	0.00	0.00
NO.	4	1	5	Θ	4	1	1	Θ	Θ	4	0	Θ
							Maxi	mum Da	ily Ra	infall		1.14
							Maxi	mum Mo	nthly	Rainfa	11	1.69
							Tota	ıl Annu	al Rai	nfall		5.59
							Numb	er of	Days w	ıith Ra	in	20

Annual Total (mm): 142

Days Down: 0

Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2010

DAY	0ct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1 2 3 4 5 6					. 04							
7 8 9 10			. 94		. 16	. 59 . 04 . 08					. 39	
11 12 13 14 15				. 08								
17 18 19				. 04 . 71							.12	
20 21 22 23 24 25			. 20	1.34 .04 .04	.12 .39 .16	. 16					. 08 . 08	. 08
26 27 28 29 30					.04 .71					. 28	. 24	
31										. 28		
SUM	0.00	0.00	1.14	2.25	1.61	0.87	0.00	0.00	0.00	0.55	0.91	0.08
ACC	0.00	0.00	1.14	3.39	5.00	5.87	5.87	5.87	5.87	6.42	7.32	7.40
MAX	0.00	0.00	0.94	1.34	0.71	0.59	0.00	0.00	0.00	0.28	0.39	0.08
NO.	0	0	2	6	7	4	Θ	Θ	Θ	2	5	1
							Maxi	mum Da	ily Ra	infall		1.34
							Maxi	mum Mo	nthly	Rainfa	11	2.25
							Tota	l Annu	al Rai	nfall		7.40
Notes:							Numb	er of	Days w	ith Ra	in	27

Annual rainfall in millimeters: 188

Gage 4855 down from 02/13 07:29 (91) through 02/16 07:28 (91) due to data collision; no rain fell.

Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2009

DAY	0ct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2 3				•								. 04
4 5				. 04 . 04								. 16
6 7					. 04							
8 9		. 08			. 12 . 59							
10 11							. 43					
12 13											. 35	
14 15												
16 17			. 67 . 04									
18 19			.16									
20 21								. 04			. 08	
22			. 08	.08				. 16			.00	
23 24			. 04									
25 26		. 08	. 16 . 28									
27 28		.31										
29 30												
31											.12	
SUM	0.00	0.47	1.42	0.16	0.75	0.00	0.43	0.20	0.00	0.00	0.55	0.20
ACC	0.00	0.47	1.89	2.09	2.83	2.83	3.27	3.46	3.46	3.46	4.02	4.21
MAX	0.00	0.31	0.67	0.08	0.59	0.00	0.43	0.16	0.00	0.00	0.35	0.16
NO.	0	3	7	3	3	0	1	2	0	0	3	2
							Maxi	mum Da	ily Ra	infall		0.67
							Maxi	mum Mo	nthly	Rainfa	11	1.42
							Tota	l Annu	al Rai	nfall		4.21
Nice							Numb	er of	Days w	ith Ra	in	24
Notes:												

Annual rainfall in millimeters: 107

Total down-time: 2.09 days

Gage 4855 down from 1/05 08:09 (51) through 1/07 10:17 (51) due to data collision; no rain fell.

Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2008

DAY	0ct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1 2			. 39									
3					. 20						.04	
5				.04	. 20						.08	
6 7 8 9			. 28 . 51	. 39							. 67 . 04	. 04
10 11 12			. 04 . 24							1.57 .04		.04
13 14 15					. 04					. 04	. 24	
16 17 18												
19 20					. 12					. 08		
21 22					. 04							
23 24				. 08				.08				
25 26											.31 .16	
27 28 29				1.02							.04	
30 31		1.50										
SUM	0.00	1.50	1.46	1.77	0.39	0.00	0.00	0.08	0.00	1.73	1.69	0.04
ACC	0.00	1.50	2.95	4.72	5.12	5.12	5.12	5.20	5.20	6.93	8.62	8.66
MAX	0.00	1.50	0.51	1.02	0.20	0.00	0.00	0.08	0.00	1.57	0.67	0.04
NO.	Θ	1	5	5	4	Θ	Θ	1	Θ	4	9	1
							Maxi	mum Da	ily Ra	infall		1.57
							Maxi	mum Mo	nthly	Rainfa	11	1.77
							Tota	ıl Annu	ıal Rai	nfall		8.66
0 4	000 -1	f===== 0/0	20.40-20	(405) #		/00 04·0				ith Ra		30
	860 down 860 down :											l.

Annual rainfall in millimeters: 309 Total down-time: 0.00 days

Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2007

DAY	0ct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1 2												
3 4												
5 6	. 04											
7 8	. 20											
9 10												
11 12					. 04							
13 14 15	. 08 . 16				. 04 . 04		. 16					
16 17 18										. 16 . 04		
19 20				. 28	.31							
21 22			1.7	.12			.12					
23 24			. 12			. 55				. 16		
25										. 04	. 04	
26 27			0.4									
28 29			. 04 . 04									
30 31				.04						. 04		
SUM	0.47	0.00	0.20	0.43	0.43	0.55	0.28	0.00	0.00	0.43	0.04	0.00
ACC	0.47	0.47	0.67	1.10	1.54	2.09	2.36	2.36	2.36	2.80	2.83	2.83
MAX	0.20	0.00	0.12	0.28	0.31	0.55	0.16	0.00	0.00	0.16	0.04	0.00
NO.	4	Θ	3	3	4	1	2	Θ	0	5	1	Θ
							Maxi	mum Da	ily Ra	ninfall		0.55
							Maxi	mum Mo	nthly	Rainfa	11	0.55
							Tota	ıl Annu	al Rai	nfall		2.83
Notes-							Numb	er of	Days w	ith Ra	in	23
Notes:												

Annual rainfall in millimeters: 72

Total down-time: 0.00 days

Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2006

DAY	0ct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1 2 3 4 5 6 7 8 9							. 04					. 91
11 12 13 14 15 16 17	. 04					1.30					.28	
18 19 20	. 67					. 20						
21 22											.59 .12	
23 24 25 26 27										.12 .28 .12	. 04	
28 29 30										. 04		
31												
SUM	0.71	0.00	0.00	0.00	0.00	1.50	0.04	0.00	0.00	0.55	1.18	1.42
ACC	0.71	0.71	0.71	0.71	0.71	2.20	2.24	2.24	2.24	2.80	3.98	5.39
MAX	0.67	0.00	0.00	0.00	0.00	1.30	0.04	0.00	0.00	0.28	0.59	0.91
NO.	2	Θ	0	0	0	2	1	0	Θ	4	5	2
							Maxi	mum Da	ily Ra	infall		1.30
							Maxi	mum Mo	nthly	Rainfa	11	1.50
							Esti	mated	Annual	Rainf	all	5.39
Notes:							Numb	er of	Days w	ith Ra	in	16

Estimated annual rainfall in millimeters: 137 Total down-time: 4.42 days Gage 4855 down from 3/11 00:42 (18) through 3/15 10:47 (51) due to a plugged funnel; rainfall for 3/11 storm **estimated** from nearby stations.

Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2005

DAY	0ct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1 2 3 4 5			. 24 . 20 . 24	. 55		. 08					.91 .12	1.18
7 8		.35 .12	. 24								. 24 . 04	
9 10 11 12 13 14		. 04		. 24	.08 .59 .31 .04							
16 17 18 19 20 21	. 43	47			.16 .20 .63 .28				00			
22 23 24 25 26		. 47		.12	.16 .16	. 04 . 08	. 35		. 08 . 04		. 12	
27 28 29 30 31	. 35		.08 .71 .04	. 28						. 04 . 04		
SUM	0.79	0.98	1.50	2.05	2.80	0.28	0.35	0.00	0.12	0.08	1.42	1.18
ACC	0.79	1.77	3.27	5.31	8.11	8.39	8.74	8.74	8.86	8.94	10.35	11.54
MAX	0.43	0.47	0.71	0.55	0.63	0.08	0.35	0.00	0.08	0.04	0.91	1.18
NO.	2	4	6	6	11	4	1	Θ	2	2	5	1
								mum Da				1.18
								mum Mo	-		a11	2.80
								al Annu				11.54
Notes:							NUMD	er of	uays w	rith Ka	ain	44

Annual rainfall in millimeters: 293 Total down-time: 2.50 days Gage 4855 down from 1/16 22:54 (112) through 1/19 10:54 (112) due to antenna failure; no rain fell.

Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2004

DAY	0ct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	.16	1.10	. 08	24		. 04	1.54			. 24	. 04	. 20
23 24 25 26 27 28			. 04	. 24	. 94					.16		
29 30 31												
 SUM	0.16	1.10	0.16	0.31	0.94	0.55	1.54	0.00	0.00	0.91	0.08	0.55
ACC	0.16	1.26	1.42	1.73	2.68	3.23	4.76	4.76	4.76	5.67	5.75	6.30
MAX	0.16	1.10	0.08	0.24	0.94	0.51	1.54	0.00	0.00	0.51	0.04	0.35
NO.	1	1	3	2	1	2	1	Θ	Θ	3	2	2
							Maxi	mum Da	ily Ra	infall		1.54
							Maxi	mum Mo	nthly	Rainfa	11	1.54
							Tota	l A nnu	al Rai	nfall		6.30
Notes:							Numb	er of	Days w	ith Ra	in	18

Annual rainfall in millimeters: 160 Total down-time: 4.69 days Gage 4855 down from 6/16 18:24 (121) through 6/21 10:51 (121) due to battery failure; no rain fell.

Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2003

DAY	0ct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1 2 3 4 5						.04					.04	
5 6 7 8				.31								. 20
9 10				.04								. 04
11 12 13 14 15					.08 2.40 .35		.16				. 20	
16 17 18	.08		. 08			. 47 . 59						
19 20 21			. 04	. 04							. 24	
22 23 24	. 12		. 08									
25 26	. 55				. 63							
27 28 29		. 24			.16 .04					. 98		
30 31		. 20										
SUM	0.75	0.43	0.20	0.39	3.66	1.10	0.16	0.00	0.00	0.98	0.79	0.24
ACC	0.75	1.18	1.38	1.77	5.43	6.54	6.69	6.69	6.69	7.68	8.46	8.70
MAX	0.55	0.24	0.08	0.31	2.40	0.59	0.16	0.00	0.00	0.98	0.31	0.20
NO.	3	2	3	3	6	3	1	0	0	1	4	2 . 40
							Maximum Daily Rainfall					
	Maximum Monthly Rainfall								LL	3.66 8.70		
							Total Annual Rainfall Number of Days with Rain					
Notes:							NUIIID	er 01	Days W	лін ка	111	28

Total annual rainfall in millimeters: 221 Total down-time: 2.75 days Gage 4855 down from 6/11 19:54 (170) through 6/14 13:54 (170) for unknown reason; no rain fell.

Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2002

DAY	0ct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4			. 47									
5 6												67
7							. 08					. 67 . 08
8							. 00					.00
9												
10												.04
11			. 20									
12			. 16									
13 14										1.46		
15										1.40		
16												
17												
18												
19												
20												
21												
22 23										.71		
24										. / 1		
25												
26												
27												
28												
29												
30 31												
JI												
SUM		0.00	0.83	0.00	0.00	0.00	0.08	0.00	0.00	2.17	0.00	0.79
ACC		0.00	0.83	0.83	0.83	0.83	0.91	0.91	0.91	3.07	3.07	3.86
MAX		0.00	0.47	0.00	0.00	0.00	0.08	0.00	0.00	1.46	0.00	0.67
NO.		0	3	Θ	Θ	0	1	Θ	Θ	2	0	3
			Maximum Daily Rainfall 1.4									1.46
		Maximum Monthly Rainfall 2.1									2.17	
		Partial Annual Rainfall 3.86										3.86
	Number of Days with Rain 9										9	
Notes	:						NUIID		Days W	iitii Ka		

Partial annual rainfall in millimeters: 55

Total down-time: 7.56 days

Gage 4855 down from 03/15 04:24 (21) through 03/18 10:25 (21) due to programming error; no rain fell. Gage 4855 down from 04/25 04:38 (23) through 04/29 12:01 (23) due to battery failure; no rain fell. Station installed on 11/29/2001.